**IN THE CLAIMS:**

Please amend the claims to read as follows:

1. (Canceled).

2. (Currently Amended): A method of controlling amplification of a signal emitted by a radio communication terminal including a power amplifier and a power supply battery, said method comprising the steps of:

detecting an output power of said amplifier and converting said output power into a first detected voltage,

modifying said first detected voltage based on an output voltage level of said power supply battery to generate a second detected voltage,

comparing said second detected voltage with a set point voltage to generate a comparison result, and

adapting an input voltage of said power amplifier based on said comparison result,

~~The method claimed in claim 1~~ wherein said first detected voltage is increased by a correction value dependent on said output voltage of said power supply battery to generate said second detected voltage.

3. (Currently Amended): A method of controlling amplification of a signal emitted by a radio communication terminal including a power amplifier and a power supply battery, said method comprising the steps of:

detecting an output power of said amplifier and converting said output power into a first detected voltage,

modifying said first detected voltage based on an output voltage level of said power supply battery to generate a second detected voltage,

comparing said second detected voltage with a set point voltage to generate a comparison result, and

adapting an input voltage of said power amplifier based on said comparison result,

~~The method claimed in claim 1~~ wherein said set point voltage is reduced by a correction value dependent on said output voltage of said power supply battery.

4. (Previously Presented): The method claimed in claim 2 wherein said correction value is a multiple of Vbat - Vnom where Vnom is a nominal voltage of said power supply battery and Vbat is the output voltage of said power supply battery.

5. (Previously Presented): The method claimed in claim 3 wherein said correction value is a multiple of Vbat - Vnom where Vnom is a nominal voltage of said power supply battery and Vbat is the output voltage of said power supply battery.

6. (Currently Amended): A method of controlling amplification of a signal emitted by a radio communication terminal including a power amplifier and a power supply battery, said method comprising the steps of:

detecting an output power of said amplifier and converting said output power into a first detected voltage,

modifying said first detected voltage based on an output voltage level of said power supply battery to generate a second detected voltage,

comparing said second detected voltage with a set point voltage to generate a comparison result, and

adapting an input voltage of said power amplifier based on said comparison result,

~~The method claimed in claim 1~~ wherein said first detected voltage is modified based on said output voltage of said power supply battery only within a limited range of the output power of said amplifier.

7. (Previously Presented): The method claimed in claim 6 wherein said first detected voltage is modified based on said output voltage of said power supply battery only in a range of the output power of said amplifier close to 30 dBm.

8. (Canceled).

9. (Currently Amended): A device for controlling amplification of a signal emitted by a terminal, said device comprising:

a power supply battery,

a power amplifier,

means for detecting an output power of said amplifier and converting said output power into a first detected voltage,

means for modifying said first detected voltage based on an output voltage of said power supply battery to generate a second detected voltage;

means for comparing said first detected voltage with a set point voltage to generate a comparison result, and

means for controlling an input voltage of said amplifier based on said comparison result,

~~The device according to claim 8,~~ wherein said means for modifying said first detected voltage based on said output voltage of said power supply battery include a subtractor between said comparator means and said power detector and converter means.

10. (Currently Amended): A device for controlling amplification of a signal emitted by a terminal, said device comprising:

a power supply battery,

a power amplifier,

means for detecting an output power of said amplifier and converting said output power into a first detected voltage,

means for modifying said first detected voltage based on an output voltage of said power supply battery to generate a second detected voltage;

means for comparing said first detected voltage with a set point voltage to generate a comparison result, and

means for controlling an input voltage of said amplifier based on said comparison result,

~~The device claimed in claim 8~~ wherein said means for modifying said first detected voltage based on said output voltage of said power supply battery modifies said first detected voltage only in a range of the output power of said amplifier close to 30 dBm.

11. (Previously Presented): The device claimed in claim 10 wherein said means for modifying said first detected voltage include a field-effect transistor.

12. (Currently Amended): A device for controlling amplification of a signal emitted by a terminal, said device comprising:

a power supply battery,

a power amplifier,

means for detecting an output power of said amplifier and converting said output power into a first detected voltage,

means for modifying said first detected voltage based on an output voltage of said power supply battery to generate a second detected voltage;

means for comparing said first detected voltage with a set point voltage to generate a comparison result, and

means for controlling an input voltage of said amplifier based on said comparison result,

~~The device claimed in claim 8~~ wherein said means for modifying said first detected voltage based on said output voltage of said power supply battery include software means.

13. (Previously Presented): The device claimed in claim 12 wherein said software means modifies said first detected voltage based on said output voltage of said power supply battery only in a range of powers close to 30 dBm.

14. (Currently Amended): A radio communication terminal comprising a device for controlling amplification of a signal emitted by a terminal a power amplifier, the device comprising:

a power supply battery,

a power amplifier,

means for detecting an output power of said amplifier and converting said output power into a first detected voltage,

means for modifying said first detected voltage based on an output voltage of said power supply battery to generate a second detected voltage;

means for comparing said first detected voltage with a set point voltage to generate a comparison result, and

means for controlling an input voltage of said amplifier based on said comparison result,

wherein said means for modifying said first detected voltage based on said output voltage of said power supply battery include a subtractor between said comparator means and said power detector and converter means.

15. (Canceled).